

## DOCUMENT RESUME

ED 419 706

SE 061 438

TITLE Exploring Matter with TOYS: Using and Understanding the Senses.

SPONS AGENCY National Science Foundation, Arlington, VA.

ISBN ISBN-0-07-064724-0

PUB DATE 1997-00-00

NOTE 206p.; For other books in the "Teaching Science with TOYS" series, see SE 061 435-437.

CONTRACT ESI-9355523; TPE-9055448

AVAILABLE FROM McGraw-Hill, Inc., P.O. Box 545, Blacklick, OH 43004-0545 (\$19.95).

PUB TYPE Books (010) -- Guides - Classroom - Teacher (052)

EDRS PRICE Document Not Available from EDRS.

DESCRIPTORS Curriculum Enrichment; Elementary Education; Elementary School Science; Hands on Science; Instructional Materials; Learning Modules; \*Perception; \*Physical Sciences; Science Activities; Science Education; \*Science Process Skills; \*Sensory Experience; Teaching Guides; \*Toys

IDENTIFIERS National Science Education Standards; National Science Foundation

## ABSTRACT

The project Teaching Science with TOYS promotes toys as an ideal mechanism for science instruction, because they are an everyday part of the students' world and carry a user-friendly message. TOYS Teacher Resource Modules are collections of "TOYS" activities grouped around a topic or theme with supporting science content and pedagogical materials. The modules have been developed especially for teachers who want to use active learning, toy-based physical science activities in their classrooms. This module focuses on the senses and is comprised of a collection of 19 physical science activities written for use at the elementary level. Students not only explore various kinds of matter with their own senses but also experience the process of doing science. Everyday objects such as balloons, mittens, coat hangers, cups, popcorn, Jello, and M&Ms are used. Activities based on familiar and friendly objects help students understand that science is part of their world. All activities include variations and extensions as well as suggestions for cross-curricular integration. This module is organized into three main sections: (1) "Pedagogical Strategies"; (2) "Content Review"; and (3) "Module Activities." The list of activities is divided into sections based on the sense. Matrices show how the activities relate to the National Science Education Standards and to science process skills. (PVD)

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